

Application No. 10/031,690
Amendment dated January 6, 2006
Reply to the Office Action of July 7, 2005

Amendments to the Claims

The "Listing of Claims" replaces all pending claims in the application.

In the Claims:

1-13. (Cancelled).

14. (Currently Amended) A composition comprising: (a) a fuel, (b) water, and (c) an emulsifier, wherein the emulsifier comprises a mixture consisting essentially of (i) a branched-chain fatty alcohol having from 12 to 24 carbon atoms, and (ii) an ethoxylated fatty alcohol having from 8 to 24 carbon atoms and from 1 to 10 moles of ethylene oxide per mole of alcohol.

15. (Previously Presented) The composition according to claim 14, wherein the mixture is present in an amount of from 0.01 to 5% by weight based on the combined weight of the fuel and the water.

16. (Previously Presented) The composition according to claim 14, wherein the mixture is present in an amount of from 0.01 to 2% by weight based on the combined weight of the fuel and the water.

17. (Previously Presented) The composition according to claim 14, wherein the mixture is present in an amount of from 0.01 to 1% by weight based on the combined weight of the fuel and the water.

18. (Previously Presented) The composition according to claim 14, wherein the fuel is present in an amount of from 60 to 95% by weight, the water is present in an amount of from 5 to 35% by weight, and the mixture is present in an amount of from 0.01 to 5% by weight, based on the weight of the composition.

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19. (Previously Presented) The composition according to claim 18, further comprising one or more additives present in an amount of from 0.01 to 2.5%, based on the weight of the composition.

20. (Previously Presented) The composition according to claim 14, further comprising one or more additives present in an amount of from 0.01 to 0.5% by weight, wherein the fuel is present in an amount of from 65 to 90% by weight, the water is present in an amount of from 25 to 35% by weight, and the mixture is present in an amount of from 0.01 to 0.5% by weight, all weight percents based on the weight of the composition.

21. (Previously Presented) The composition according to claim 14, wherein the branched-chain fatty alcohol and the ethoxylated fatty alcohol are present in a weight ratio of from 1:1 to 1:4.

22. (Previously Presented) The composition according to claim 14, wherein the branched-chain fatty alcohol comprises an alcohol branched in the α -position.

23. (Previously Presented) The composition according to claim 14, wherein the branched-chain fatty alcohol comprises at least one alcohol selected from the group consisting of isotridecyl alcohol, isohexadecyl alcohol, isostearyl alcohol, 2-hexyl-1-decanol, and 2-octyl-1-decanol.

24. (Previously Presented) The composition according to claim 14, wherein the branched-chain fatty alcohol has from 14 to 24 carbon atoms.

25. (Previously Presented) The composition according to claim 14, wherein the ethoxylated fatty alcohol comprises an alcohol having from 12 to 18 carbon atoms and from 1 to 4 moles of ethylene oxide per mole of alcohol.

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26. (Previously Presented) The composition according to claim 14, wherein the fuel comprises diesel oil.

27. (Currently Amended) A composition comprising: (a) a diesel oil, (b) water, and (c) an emulsifier, wherein the emulsifier comprises a mixture consisting essentially of (i) an α -branched-chain fatty alcohol having from 14 to 24 carbon atoms, and (ii) an ethoxylated fatty alcohol having from 12 to 18 carbon atoms and from 1 to 4 moles of ethylene oxide per mole of alcohol; wherein the diesel oil is present in an amount of from 60 to 95% by weight, the water is present in an amount of from 5 to 35% by weight, and the mixture is present in an amount of from 0.01 to 5% by weight, based on the weight of the composition.

28. (Currently Amended) A water-free, fuel-additive concentrate ~~comprising~~ consisting essentially of: (a) a branched-chain fatty alcohol having from 12 to 24 carbon atoms, and (b) an ethoxylated fatty alcohol having from 8-24 carbon atoms and from 1 to 10 moles of ethylene oxide per mole of alcohol.

29. (Previously Presented) The concentrate according to claim 28, further comprising a corrosion inhibitor.

30. (Previously Presented) The concentrate according to claim 29, wherein the corrosion inhibitor comprises an ethoxylated carboxylic acid amide.

31. (Previously Presented) The concentrate according to claim 29, wherein the branched-chain fatty alcohol is present in an amount of from 10 to 30% by weight, the ethoxylated fatty alcohol is present in an amount of from 30 to 60% by weight, and the corrosion inhibitor is present in an amount of from 15 to 30% by weight, based on the weight of the concentrate.

32. (Previously Presented) The concentrate according to claim 30, wherein the branched-chain fatty alcohol is present in an amount of from 10 to 30% by weight, the ethoxylated fatty alcohol

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is present in an amount of from 30 to 60% by weight, and the corrosion inhibitor is present in an amount of from 15 to 30% by weight, based on the weight of the concentrate.

33. (Previously Presented) A method of emulsifying a fuel and water, said method comprising:

- (a) providing an aqueous fuel;
- (b) providing the water-free, fuel-additive concentrate according to claim 28; and
- (c) mixing the aqueous fuel and the water-free, fuel-additive concentrate.